

538,795

13 JUN 2004

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



10/538795



(43) International Publication Date  
22 April 2004 (22.04.2004)

PCT

(10) International Publication Number  
WO 2004/034286 A1

(51) International Patent Classification<sup>7</sup>: G06F 17/30

(21) International Application Number:  
PCT/US2003/032295

(22) International Filing Date: 10 October 2003 (10.10.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/417,795 10 October 2002 (10.10.2002) US

(71) Applicant (for all designated States except US): ACTION  
ENGINE CORPORATION [US/US]; 8520 154th Avenue  
NE, Redmond, WA 98052 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): CRASWELL,  
Ronald, J. [US/US]; 11001 153rd Avenue NE, Redmond,

WA 98052 (US). PRATT, David, S., Jr. [US/US]; 2348 N  
50th St., Seattle, WA 98103 (US). KLASSEN, Paul, J.,  
H. [US/US]; 12612 SE 85th Place, Newcastle, WA 98056  
(US).

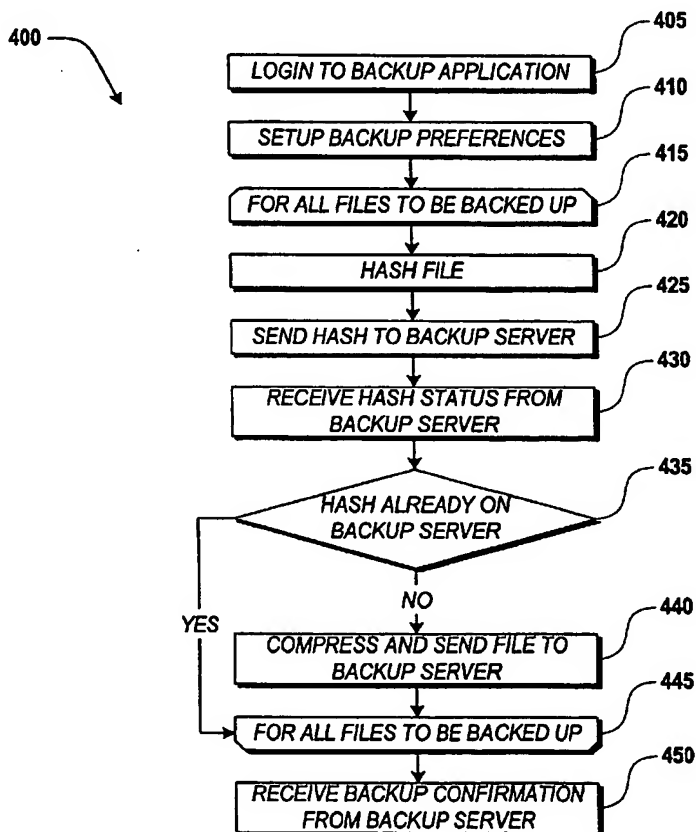
(74) Agents: PHILIPP, Adam, L., K. et al.; Schwabe,  
Williamson & Wyatt, P.C., Pacwest Center, Suites  
1600-1900, 1211 SW Fifth Avenue, Portland, OR 97204  
(US).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,  
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,  
CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE,  
GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,  
KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK,  
MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT,  
RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR,  
TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM,  
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),

[Continued on next page]

(54) Title: BACKING UP A WIRELESS COMPUTING DEVICE



(57) Abstract: A method and apparatus are provided to backup and restore data (410) from/to wireless computing devices, utilizing strongly collision free deterministic identifiers.

WO 2004/034286 A1